The Wobbly Oscillator

Cuyahoga Amateur Radio Association

April 2026 Volume 56 Number 4

Hams Who Serve

Meeting April 14th

My Friends Restaurant

11616 Detroit Ave. Cleveland

Dinner (optional) at 6 pm; Meeting at 7 pm

From the Prez

Toby, WT8O

Dinner Meeting

Our April club meeting, on the 14th, will be at My Friends Restaurant located at 11616 Detroit Avenue in Cleveland, 44102. Reservations are for 6:00 PM giving us an hour to order and eat, with the business meeting beginning at our usual time of 7:00. We always mention the dinner at 6:00 is optional; if you only wish to attend the meeting, as some do, that's perfectly alright.

We have met at My Friends Restaurant quite a few times over the years; always enjoying excellent food and fantastic service.

Outstanding CARS Member – Scott Smith, AC8NW

There aren't many guys that would head almost 20 miles through rush hour traffic in the opposite direction of home, a charming wife, and dinner after working all day at the demanding profession of an automotive technician to attend to a problem with the CARS repeater system. A guy like Scott, AC8NW, would. He has done just that many more times than most of us recall or are aware of. Besides that, Scott took a major role upgrading the repeater system and he continually tweaks the system and fixes difficulties remotely.

Scott's dad Jerry, NW9H, was a founding member of the club, and is now an Honorary Member. Like his father, Scott is the type of person that makes things happen. He jumped in as a primary operator for my Field Day station

doing a superb job racking up the QSO's. His involvement grew over the years and eventually taking over the station completely. Scott volunteered to be a Net Control Station for our weekly nets and always does a great job as a net controller. At every meeting that we need audio-visual support; Scott is the man providing and setting up the equipment. Scott's input as a CARS Board member is always welcomed.

Meeting Scott and having him join CARS was truly one of the highest points in my ham radio journey. Not only is he great member of CARS, he is my go-to guy for my automotive questions. But above all, Scott has become one of my best friends whom I value deeply.

Hamvention Bus

Quite a few members have told me they already have reserved a seat on the CARS Hamvention bus. There is still plenty of room but don't hesitate to sign up, once the bus is filled you'll miss out on the most convenient way to attend the 2026 Dayton Hamvention. The bus departs one of three convenient locations early Saturday morning on May 16th and returns that evening. You can sign up and pay on the CARS website.

Field Day

Although the CARS Field Day chairman, Bob Robbins, K8RGI, has written a more detailed article down the page, it is by no means redundant to mention our 2026 effort will be held at James Day Park in Parma beginning at 2:00 PM Saturday, June 27th through 2:00 PM Sunday June 28th.

Please make plans to participate and attend.

Rembmber to sign in at meetings. . . Then enjoy the camaraderie of an evening with other hams.

CARS Scholarships

Toby, WT8O

Now is the time to consider applying for one of the annual CARS scholarships. The applications and details are on the CARS website at www.2cars.org/service , and must be completed and received by May 31st. 2026.

Two $1,000.00 scholarships will be awarded to any CARS member, their son, daughter, grandson, or granddaughter who is graduating, has graduated high school, received a GED, or successfully passed home schooled high school certification.

A CARS check will be issued to each scholarship winner upon submission of successful enrollment in any certified continuing vocational education program, two year, or four year college program or other appropriate accredited school.

Meeting Minutes—March 10, 2026

LOCATION - The meeting was held on March 10th at the Busch Funeral Home, located on Ridge Road in Parma, Ohio.

CALLED TO ORDER - President Toby Kolman, WT8O, called the meeting to order at 7:00 PM.

PLEDGE OF ALLEGIANCE - Those present pledged allegiance to the flag of the United States of America.

INTRODUCTIONS - Those present introduced themselves. The meeting had 26 attendees.

MEETING MINUTES - The February minutes, as published in the March issue of the Wobbly Oscillator (WO), were approved.

TREASURER'S REPORT - Matt Perlman, KE8OZU, gave an update on the club's finances. No issues were reported. Remember to please pay your dues.

PRESIDENT'S REPORT - Toby Kolman, WT8O, reported the following:
•Toby nominated Bill Savage, WA8GEO/SK, for honorary membership in CARS. The members voted and approved this.
•New Members - Emilia Lombardi, KE8RMP; Jim Crane, KB8SQF; Jim Gilliland, W8OQV
•Scholarship - Applications are due May 31st. Please share this information with anyone who would be interested.

VICE PRESIDENT'S REPORT - John Dernar, NU8Y, reported the following:
•CARS iron-on transfers and instructions are on the table near the door.

SECRETARY REPORT - Matt Neely, NU8H, reminded folks to sign in on the sign-in sheet.

PUBLIC SERVICE - Perry, KB8AYQ, shared that all CARS members are invited to the local ESG/ARES meetings. This month will be shifted because of St Patrick's Day, so it will be on March 24th at the Helwig Whistle Stop. Visit https://n8esg.org/ for details.

VE UPDATE: Metro, W8MET, shared that four people tested this weekend, and we have a new Technician and a Technician upgrade to General.

PROGRAM COMMITTEE - Joe, KD8BAL, reported that:
•Tonight, Matt, NU8H, will present "When Systems Fail: How Amateur Radio Supports Community and Personal Resilience."

TECH COMMITTEE - Toby, WT8O, reported the repeater is working well.

OLD BUSINESS - Toby, WT8O, led a discussion on the following:
•Reminded people that the meeting start time changed to 7:00 PM and the net start time is now 8:00 PM
•Amateur Radio Emergency Communications Responsiveness Act

•The club is offering licensing classes again this year. The classes started on February 26th and are going well.
•The club has used equipment for sale. We are still working on listing them on eBay. Will also work on getting them added to the WO.

NEW BUSINESS - Toby, WT8O, led a discussion on the following:
•Hamvention Bus is reserved. Cost will be $60. See the website for details on how to pay Eddie, KD8FTS.
•The April meeting will be a dinner meeting. Members voted and decided on Teamz [UPDATE: .Teamz was unable to accommodate the meeting, it will be at My Friends Restaurant]
•Voted on putting pictures on the website roster and decided to pursue this.
•Field Day will be at the same location as last year, James Day Park in Parma, right by Tri-C.
•We're doing the Memorial Day Parade again this year.
•Members discussed working Bouvet Island
•NVIS Day - Fourth Saturday in April.

REFRESHMENT - Thank you to John, NU8Y; Mark Rosewicz, KC8ESG; Matt, NU8H

NEXT MEETING - The Cuyahoga Amateur Radio Society's next meeting will be held on April 14th at My Friends Restaurant, 11616 Detroit Ave., Cleveland..

ADJOURNMENT - Toby, WT8O, adjourned the meeting.
50/50 Drawing - Jim Crane, KB8SQF, won the 50/50 drawing.

Submitted by Matt Neely NU8H

PARKS ON THE AIR –

A GREAT HF LEARNING TOOL

For hams who are new to HF radio, Parks On The Air (POTA) is a great learning tool that is very easy to use. You can start out by being a POTA "hunter" from your home station, seeking the POTA "activator" who is transmitting remotely from a park location.

Begin by creating an account on the POTA website. After you are approved, you can launch the application.

Select SPOTS, pick a BAND and MODE (like 20M SSB / voice), and now you are ready to get started making your HF POTA contact.

The app displays the frequencies where you can look for hams who are currently on the air. Tune your radio to a listed frequency and to see if you can hear the "activator" who's call sign is also conveniently listed on the app screen.

The "activator" will call out something like "CQ POTA this is KE8MAI calling CQ." You might possibly hear the operator calling "QRZ" if he has just finished with a contact. [QRZ means, who is calling]

When there is an opening in the conversation, you simply transmit your call sign, for example "NOVEMBER UNIFORM 8 YANKEE". You may have to try this multiple times, as other hams may also be calling. Eventually the activator will return your call sign "NU8Y you are a 5-9 into park US-1941, QSL". [US-1941 designates which park the operator is activating] You return the signal report "you are 5-9 here into northern Ohio, 73 have a good activation". The activator may then respond, but often they just move on to the next contact. The exchanges are very brief, and the activator wants to make as many contacts as possible.

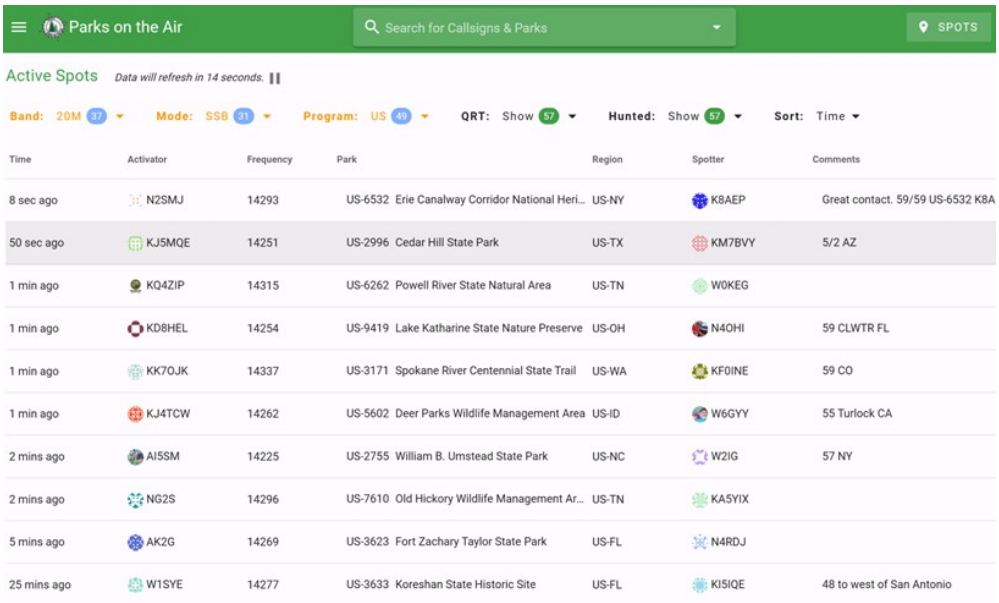
There are many variations to the exchange, this is just one example.

The activator logs the contact information into the POTA website and, usually within a few days, you will see the contact listed on your account under the heading "Recent Hunter QSOs".

The POTA system is a good way to get started on the HF bands and it can help you learn to operate your radio and to gain confidence talking on the air to other hams. It is also interesting to see just how far away you can communicate with your system. There are activators across the country all hours of the day and night, waiting to be hunted down.

There is a whole lot more to POTA, this is just a very simple overview.

John NU8Y



Time	Activator	Frequency	Park	Region	Spotter	Comments
8 sec ago	N2SMJ	14293	US-6532 Erie Canalway Corridor National Heri...	US-NY	K8AEP	Great contact. 59/59 US-6532 K8A
50 sec ago	KJ5MQE	14251	US-2996 Cedar Hill State Park	US-TX	KM7BVY	5/2 AZ
1 min ago	KQ4ZIP	14315	US-6262 Powell River State Natural Area	US-TN	W0KEG	
1 min ago	KD8HEL	14254	US-9419 Lake Katharine State Nature Preserve	US-OH	N4OHI	59 CLWTR FL
1 min ago	KK7OJK	14337	US-3171 Spokane River Centennial State Trail	US-WA	KF0INE	59 CO
1 min ago	KJ4TCW	14262	US-5602 Deer Parks Wildlife Management Area	US-ID	W6GYY	55 Turlock CA
2 mins ago	AI5SM	14225	US-2755 William B. Umstead State Park	US-NC	W2IG	57 NY
2 mins ago	NG2S	14296	US-7610 Old Hickory Wildlife Management Ar...	US-TN	KA5YIX	
5 mins ago	AK2G	14269	US-3623 Fort Zachary Taylor State Park	US-FL	N4RDJ	
25 mins ago	W1SYE	14277	US-3633 Koreshan State Historic Site	US-FL	KI5IQE	48 to west of San Antonio

Above: Example of an Active Spots screen for Parks On The Air (POTA)
Below: Sample of "Hunter QSOs"

Recent Hunter QSOs

Date	Activator	Park	Band	Mode
02/21/2026	KG5UZW	US-2143 Swallows State Park (US-WA)	20M	PHONE
02/21/2026	W4G	US-2207 Watson Mill Bridge State Park (US-GA)	20M	PHONE
02/20/2026	KJ5XC	US-0286 Middle Mississippi River National Wildlife Refuge (US-IL)	20M	PHONE
02/20/2026	K2DTS	US-0716 Chickamauga and Chattanooga National Military Park (US-GA)	20M	PHONE
02/20/2026	K2DTS	US-3791 Trail of Tears National Historic Trail (US-GA)	20M	PHONE
01/25/2026	K1CCN	US-2257 Harmonie State Park (US-IN)	20M	PHONE
01/17/2026	K5LG	US-3791 Trail of Tears National Historic Trail (US-AR)	20M	CW
01/07/2026	KE5AQD	US-4568 El Camino Real de los Tejas National Historic Trail (US-TX)	20M	PHONE
01/07/2026	KE5AQD	US-3038 McKinney Falls State Park (US-TX)	20M	PHONE
01/03/2026	K3TJK	US-1430 Tyler State Park (US-PA)	20M	PHONE

Reserve and pay for your "*2026 Hamvention*" ride to Xenia, OH

Saturday May 16, 2026 CARS is sponsoring a Bus trip to the *"2026 Hamvention"* at the Green County Fairgrounds, Xenia, OH.

Every amateur radio operator in the world probably dreams about going to the Hamvention at least once. Please join us in 2026, it is an incredible* event that *offers something for everyone.

The Bus trip will cost $60.00 dollars per person; we will not stop on the way down. The group may decide for a fast food stop on the way home. You are responsible for both your food and Hamvention tickets. Go to *http://hamvention.org/purchase-tickets* to order your tickets.

The Bus is wheel-chair accessible

Stop 1: The bus will leave promptly at 5:30 AM in front of Fin-Feather-Fur at the intersection of Engle and Bagley Roads, in Middleburg Heights, Engle Road is 1/4 mile west of I-71, parking is behind the Gas station. Vehicles will be safe, there is security.

Stop 2: The bus will also pick up riders at I-71 & Rt 303 at the SE corner of the Marc's parking lot and will depart at approximately 6:00 AM.

Stop 3: The bus will also pick up riders at I-71 & Rt 83 at the Ohio Station Outlets 9911 Avon Lake Rd. parking lot and will depart non-stop for Xenia at approximately 6:30 am.

When ordering tickets please tell us which stop you will be at, plus we need your email info, name, call, and phone number.

Bus tickets must be purchased and paid for in advance.

CARS Hamvention Bus tickets can be purchased on the web at:

www.2cars.org

If you have any questions, please contact Eddie Stevens, KD8FTS by phone at 440-888-9536, or email at CARS@KD8FTS.com

When Systems Fail -

Amateur Radio Responds

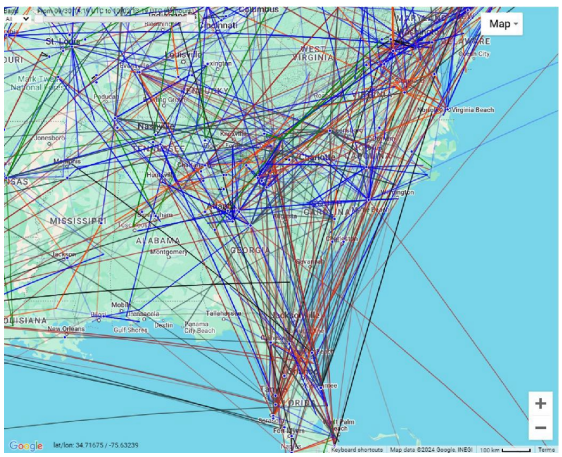
Matt Neely, NU8H, makes his living planning for the unexpected .As a ham radio operator, he also knows the role amateur radio can play when wide-spread disruptions occur. The first slide in his presentation at the March CARS meeting shows this dramatically. A nighttime satellite view of the US South-east following hurricane Helene shows a dark swath where there should have been lights from the many cities and towns that had been in the path of the hurricane. Not only was power disrupt-ed, one fifth of the cell phone sites in the Southeast were knocked out. Mean-while, Winlink radio messaging traffic was intense (see the map below).

This isn't exactly news to amateur radio operators. It is one of the reasons many hams got into the hobby. It doesn't take a massive, regional disaster to bring out vol-unteers. Local Skywarn nets and public service such as communications support for the Cleveland Marathon are just a few examples of how hams exercise those disaster preparedness muscles.

A key component of Matt's presentation begs the question, "Just how prepared are you?" To help structure a prepar-edness plan, Matt discussed a PACE Plan. PACE stands for Primary, Alternate, Continngency, and Emergency. In this context, Primary communications are the normal and most reliable form of communications available. Should those be disrupted, Alternate defines what different system paths might need to be followed. Contingency defines a fallback when both the primary and alternate resources are unavailable. And, Emergency is what to do when all else fails—the method of last resort.

The good news for hams is that we have more alternatives available when it comes to communications—perhaps even more resources than we are aware ourselves. Walk-ing through a PACE plan helps to identify vulnerabilities and resources. Based on the level of licensing, hams will have a variety of solutions to chose from. In reviewing a personal PACE Plan, one of the things that may become apparent is the value of upgrading your license class. It may also highlight areas or modes where it would be valu-able to learn more. Should you learn more about digital modes? Do you feel you might need to develop some emergency power options? Are there pieces of equipment you would need in an emergency which are not already part of your shack? These are all personal considerations.

Defining your PACE Plan will also highlight how you need to prepare others. A Winlink e-mail message won't look like it is coming from your regular account. Communica-tions will look and sound different. You'll need to review some of this with family members and others in your critical communications circles.



A PACE Plan that involves communications with other hams will look different from one for family members who are not licensed. Matt offered a blank template as a guide and showed examples of both a Plan for licensed communications and a Plan for communications with unlicensed individuals.

Some less –familiar modes may be part of the Plan for communicating with non-licensed individuals. Winlink e-mail, for instance, may not be part of your regular operations. APRS, which is often thought of as a tracking application, actually includes some messaging capabilities.

Other considerations a PACE Plan might highlight are power requirements. Not only do you have to consider alternate power sources, it is important to consider how you will connect a power source– cables and power cords are not universally compitable.

Submitted by Perry, KB8AYQ

PACE Plan Template

Level	Method	Equipment Needed	Who/Where	Notes
Primary				
Alternate				
Contingency				
Emergency				

Example PACE Plan

Contacting Local Amateur Radio Operators

Level	Method	Equipment Needed	Who/Where	Notes
Primary	Cell Phone (Cell network, satelite or WiFi)	Cell Phone	Anyone with a cell phone	Required the cell network to function
Alternate	Local 2m Repeater	HT or mobile VHF/UHF radio, antenna, and power	Local/community level - Depending on repeater coverage	Requires repeaters to have power
Contingency	Simplex VHF/UHF	HT or mobile VHF/UHF radio, antenna, and power	Local - Likely short range depending on antenna setup	Generally limited to line of sight. Need to pre-arrange frequencies to
Emergency	HF Voice (NVIS)	HF radio, NVIS antenna, and power	Regional coverage	Need space to set up an NVIS antenna and pre-arrange frequencies to

Next CARS Meeting

Tuesday, April, 14 - 7:-00 PM

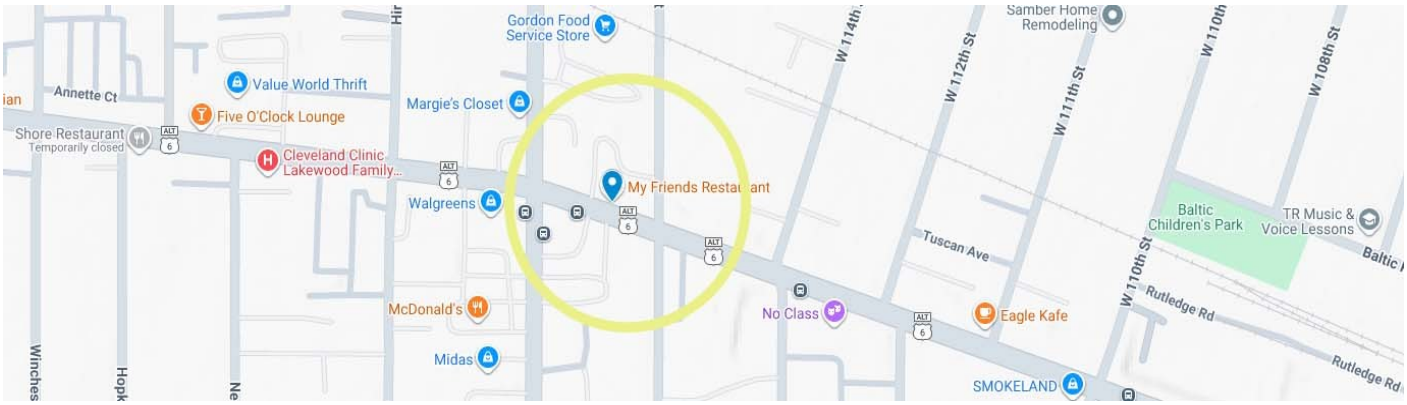
My Friends Restaurant

11616 Detroit Avenue

Cleveland, OH 44102

Will present a program on:

See Website for Details - www.2cars.org



Dinner Meeting

In April, CARS will be moving its monthly meeting to My Friends Restaurant in Lakewood. We will return to the Busch Community Room in Parma in May.

For those who have not attended a dinner meeting at My Friends, the restaurant has a separate space for our group. They will also allow us to order off the menu, so you will be able to choose your dinner from a wide number of selections on their regular menu.

April
Birthdays
Anthony Kuches KE8OMG APR 2
Ted ElsterK8TED APR 10
Nick Rolin N8CWE APR 13
Mark Studerk KC8FQV APR 14
Gary Berkowitz K8REF APR 19
Tim Sanborn KF8AAF APR 20
Bob Wright KE8CEO APR 22
John Cobb Sr. KC8WLY APR 23
Matt Perlman KE8OZU APR 25
Chris Jochum KE8JPQ APR 27
Metro Sinko W8MET APR 27
Bob Check W8GC APR 29

Dues Notice

Matt KE8OZU

Your 2025 CARS dues are payable on or before January 31, 2025. If you have already paid THANK YOU.
Dues can be paid in two ways:

- You can mail a check to:

CARS
PO Box 31264
Independence, OH 44131-0264

- Pay in person at any CARS meeting.

Dues are $26.00 per year for regular membership. Each additional family member is $16.00.
If you are 60 yrs. or older, your dues are only $18.00 per year.
CARS will offer assistance to anyone having a hardship. Please let me know if you have a hardship or know a member who needs help.

CARS 2025 AUDIT REPORT

This year's Audit Committee members conducted an independent review of the CARS 2025 Financial Audit report as submitted electronically by treasurer, Matt Perlman, KE8OZU.
The committee members include, President Toby Kolman, WT8O; Mark Rosewicz, KC8ESG; and John Dernar, NU8Y.
Upon review, the committee members concluded that all was in order with the report, and the report has been accepted.

This report submitted by John Dernar, NU8Y, Audit Committee Chairman.

April Net Sked

APR	1	AC8NW
APR	8	KC8ESG
APR	15	AC8TN
APR	22	KF8BCC
APR	29	WT8O

Nets are run every Wednesday at 8:00 PM on:

146.820 (PL 110.9)

443.825(+) PL Tone 131.8
Digital Yaesu Fusion / C4FM
Linked to the 146.82 Repeater

EchoLink Node 343470 (K8ZFR-R)

Allstar Node 47067

WIRES X Node 91242-Room 01242

NOTE: Practice nets are conducted weekly on the CARS repeater. All hams are welcome to participate in the net.

The weekly nets are a good opportunity to hone your skills and meet other hams.

Net control will open the net and ask for "check ins." You can give your callsign, name, and location and simply listen to the rest of the net, or you can join the conversation.

As you become more comfortable, you may want to try acthing as net control.

CARS Repeaters

146.820 (-) PL Tone 110.9

Analog Repeater

Main Site – Brecksville

Receive Only Site – Brunswick

Receive Only Site – Shaker Hts.

AllStar Node 47067

EchoLink Node 343470 (K8ZFR-R)

WIRES X Node 91242 Room 01242

****

443.825 (+) PL Tone 131.8

Digital Yaesu Fusion

Linked to 146.820 Repeater

Brecksville

****

444.75 (+) PL Tone 131.8

Analog Repeater

Not Linked to Other Repeaters

Shaker Hts.

Honorary Members

Any person who by nature of outstanding or meritorious contribution to the furtherance of amateur radio and the ideals of the Cuyahoga Amateur Radio Society

Robert Check, W8GC
Elected 2/10/15

Thomas Wayne, WB8N
Elected 1/10/17

Dwaine Modock, K8ME/SK
Elected 5/9/17

Toby Kolman, WT8O
Elected 10/10/17

Jerry Smith, NW9H
Elected 5/8/18

Ron Borkey, K8VJG/SK
Elected 5/14/19

Ed Stevens, WB8ROK/SK
Elected 8/10/21

Vince Bak, N8OVW/SK
Elected 11/14/23

Ron Holas, K8RJH, SK
Elected 7//8/25

Bill Savage, WA8GEO/SK
Elected 3/10/26

Welcome New Members

Emilia Lombardi, KE8RML

Jim Crane, KB8SQF

Jim Gilliland , W8OQV

May VE Session

The next VE testing session will be held **Sunday, May, 10th,** at 9:15 AM

Testing is at the Old Elmwood Recreation Center, 6200 Pete Wisniesky Parkway, Independence 44131. Directions and a map are on the CARS website homepage. For information or an appointment please contact Metro, W8MET, at 216-520-1320 or metro351@sbcglobal.net

As always, walk-ins are welcome.

No matter what your license class is, or how much time you have available to volunteer, your service would be welcome in a number of ways this year! Just be sure to ask any CARS officer or active public service member in our scheduled Monthly Club meetings for current volunteer information.

Special VE sessions are also be scheduled at the completion of the CARS licensing classes. Watch the Wobbly Oscillator and the CARS website for additional information about classes and special VE sessions, or contact Metro, W8MET.

2025 CARS Committees, Officers, Board and Trustees

CARS 2025 Committees

50/50

Chair: Andy Evridge, KD8SCV

Member: Joe Ulazewski, KD8BAL

ARRL Liaison

Chair: John Dernar, NU8Y

Audio/Video

Chair: Scott Smith, AC8NW

Audit

Chair: John Dernar, NU8Y

Members: Mark Rosewicz, KC8ESG and Toby Kolman, WT8O

Awards

Co-Chairs: Toby Kolman, WT8O and Mark Moro, WJ8WM

Field Day

Chair: Bob Robbins, K8RGI
Members: David Korow, AC8TN; Andy Evridge, KD8SCV; Chuck Mehozonek, K8CVM, and Mark Moro, WJ8WM

Hamvention Bus

Chair: Eddie Stevens, KD8FTS

Historian

Chair: Toby Kolman, WT8O

Holiday Party, Summer Picnic

Chair: Al Farley, KF8BCC

Member: Mark Moro, WJ8WM

License Classes

Chair: David Noeth, KD8ACO

Members: Joel Chaney, K8SHB,; Toby Kolman, WT8O

Media Representative

Chair: Andy Evridge, KD8SCV

Membership

Chair: Toby Kolman, WT8O

Member: Matt Perlman, KE8OZU

Net

Chair: Toby Kolman, WT8O

Members: Scott Smith, AC8NW, David Korow, AC8TN, and David Noeth, KD8ACO; Mark Rosewicz, KC8ESG; Al Farley, KF8BCC

Newsletter

Chair: Perry Trunick, KB8AYQ

Member: Yuri Sivitski, W4YSW

Programs at Meetings

Chair: Joe Ulaszewski, KD8BAL

Members: Eddie Stevens, KD8FTS and Matt Perlman, KE8OZU

Public Service

Chair: Eddie Stevens, KD8FTS

Members: Chuck Mehozonek, K8CVM, and Arp Viiberg, K8ARP

QSL Manager

Chair: Metro Sinko, W8MET

Quartermaster

Chair: Toby Kolman, WT8O

Records Custodian

Chair: Terry Pillatt, KB8DTC

Refreshments - Coffee

Chair: John Dernar, NU8Y

Refreshments - Donuts

Chair: Matt Neely, NU8H

Refreshments - Pop

Chair: Mark Rosewicz, KC8ESG

Scholarship

Chair: Toby Kolman, WT8O

Members: Bob Robbins, K8RGI, Matt Perlman, KE8OZU, and Mark Moro, WJ8WM

Sunshine (Welfare)

Chair: Andy Evridge, KD8SCV

Technical

Chair: Scott Smith, AC8NW

Members: Mark Scoville, AD8KE, Terry Pillatt, KB8DTC, Mark Rosewicz, KC8ESG, David Noeth, KD8ACO and Mark Moro, WJ8WM

VE Exams

Chair: Metro Sinko, W8MET

Members: George Pindroh, K8KR; Fred Freer, K8IG: David Korow, AC8TN, Simpson Huston, N8UZF, Matt Neely, NU8H

Webmaster/email

Chair: Matt Perlman, KE8OZU

2025 Officers

President

Toby Kolman, WT8O

440-525-6109

wt8o@att.net

Vice-President

John Dernar, NU8Y

440-666-8045

dern123@sbcglobal.net

Secretary

Matt Neely, NU8H

216-965-4476

matt@matthewneely.com

Alternate Secretary:

Matt Perlman, KE8OZU

Treasurer

Matt Perlman, KE8OZU

216-337-1540

matt@seagem.me

CARS 2025 Executive Board

Board Chair

Mark Moro, WJ8WM

216-496-2871

Alternate:

Mark Rosewicz, KC8ESG

Even Year Board Members

Scott Smith, AC8NW; Joe Ulaszewski, KD8BAL; and Mark Moro, WJ8WM

Odd Year Board Members

Eddie Stevens, KD8FTS;
Mark Rosewicz, KC8ESG,
and Al Farley, KF8BCC

CARS License Trustees

K8ZFR Trustee

Toby Kolman, WT8O

W8BM Trustee

Mark Moro, WJ8WM

W8HBI Trustee

Matt Perlman, KE8OZU

The *Wobbly Oscillator* is a publication of the Cuyahoga Amateur Radio Society. Articles from this publication may be reprinted in any ham radio publication, if credit is given to this publication and the author, if known.

All submissions should be emailed to: Perry A Trunick, KB8AYQ at perry@trunick.com